

- Bⁿ
- (g) a nucleic acid sequence presented as SEQ ID NO:4, or the complement thereof; and
 - (h) a nucleic acid sequence that hybridizes, under high stringency conditions to the sequence presented as SEQ ID NO:4, or the complement or a fragment thereof, wherein said isolated polynucleotide encodes a polypeptide having the biological activity of an endoglucanase.
-

- B²
8. An expression construct including a polynucleotide sequence (i) having at least 85% sequence identity to the amino acid sequence presented in Figure 2 (SEQ ID NO:2), or (ii) being capable of hybridizing to a probe derived from the nucleotide sequence disclosed in Figure 2 (SEQ ID NO:2) under conditions of intermediate to high stringency, or (iii) being complementary to a nucleotide sequence having at least 85% sequence identity to the amino acid sequence presented in Figure 2 (SEQ ID NO:2).
-

18. A substantially purified EGVI polypeptide with the biological activity of an endoglucanase, comprising a sequence selected from the group consisting of:

- B⁹
- (a) an amino acid sequence having at least 85% sequence identity to the amino acid sequence presented in Figure 2 (SEQ ID NO:2);
 - (b) an amino acid sequence having at least 90% sequence identity to the amino acid sequence presented in Figure 2 (SEQ ID NO:2);
 - (c) an amino acid sequence having at least 95% sequence identity to the amino acid sequence presented in Figure 2 (SEQ ID NO:2);
 - (d) an amino acid sequence presented in Figure 2 (SEQ ID NO:2);
 - (e) an amino acid sequence having at least 95% sequence identity to the amino acid sequence presented as SEQ ID NO:2;
 - (f) an amino acid sequence presented as SEQ ID NO:2;
 - (g) a substantially purified biologically active fragment of the amino acid sequence presented as SEQ ID NO:2.
-

- B¹⁰
25. A detergent composition, said composition comprising a polypeptide selected from the group consisting of:

- (a) an amino acid sequence having at least 85% sequence identity to the amino acid sequence presented in Figure 2 (SEQ ID NO:2);

- 10
- B
- (b) an amino acid sequence having at least 90% sequence identity to the amino acid sequence presented in Figure 2 (SEQ ID NO:2);
 - (c) an amino acid sequence having at least 95% sequence identity to the amino acid sequence presented in Figure 2 (SEQ ID NO:2);
 - (d) an amino acid sequence presented in Figure 2 (SEQ ID NO:2);
 - (e) an amino acid sequence having at least 95% sequence identity to the amino acid sequence presented as SEQ ID NO:2;
 - (f) an amino acid sequence presented as SEQ ID NO:2;
 - (g) a substantially purified biologically active fragment of the amino acid sequence presented as SEQ ID NO:2.
-